

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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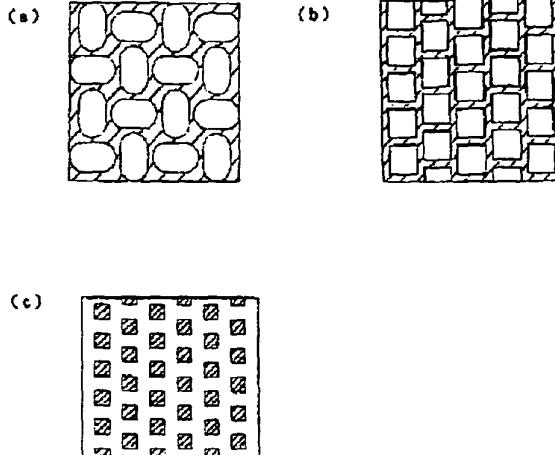
APPLICATION DATE : 15-05-95  
APPLICATION NUMBER : 07115444

APPLICANT : KURARAY CO LTD;

INVENTOR : ASANO MASAJI;

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TITLE : NON-WOVEN FABRIC COMPRISING  
WATER-RESISTANT POLYVINYL  
ALCOHOL FIBER



ABSTRACT : PURPOSE: To prepare an agricultural non-woven fabric sheet comprising water- resistant polyvinyl alcohol(PVA) fibers, highly strong in a dry state and in a wet state, good in the crop-growing property, excellent in the fog-preventing property and in the dew-preventing property, and excellent also in practical durability.

CONSTITUTION: In a non-woven fabric sheet comprising water-resistant PVA fibers, the METSUKE (a weight unit) of the non-woven fabric is 25-70g/m<sup>2</sup>, and the parts occupying 15-80% of the surface of the non-woven fabric are heated and press-adhered to a thermally press-adhered part forming a continuous phase over the whole part of the non-woven fabric. The cross points and contact points of the water-resistant polyvinyl alcohol fibers constituting the non-woven fabric are adhered with a water-resistant binder in an amount of 5-40wt.% based on the non-woven fabric.

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